

Packet No.: NIH176.001C1

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## INFORMATION DISCLOSURE STATEMENT

Applicant : Scherf et al.  
App. No. : 10/087,013  
Filed : February 21, 2002  
For : IDENTIFICATION OF THE DOMAIN OF PLASMODIUM FALCIPARUM ERYTHROCYTE MEMBRANE PROTEIN 1 (PFEMP1) THAT MEDIATES ADHESION TO CHONDROITIN SULFATE A  
Examiner : Lucas, Zachariah  
Group Art Unit : 1648

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c)(2) before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/3/03

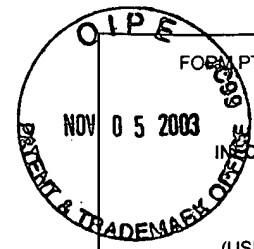
By: Nancy W. Vensko

Nancy W. Vensko  
Registration No. 36,298  
Attorney of Record  
Customer No. 20,995  
(805) 547-5585

11/06/2003 CNGUYEN 0000063 10087013

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FORM PTO-1449 NOV 05 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NIH176.001C1	APPLICATION NO. 10/087,013
APPLICANT Scherf et al.		TECH CENTER 1600/2900 NOV 10 2003	
FILING DATE February 21, 2002	GROUP 1648		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	1	Buffet et al., Plasmodium falciparum domain mediating adhesion to chondroitin sulfate A: A receptor for human placental infection, PNAS 96: 12743 (Oct 1999)	
	2	Scherf, A., FCR3 CSA ligand [Plasmodium falciparum], GenBank accession no. AJ133811 (23 Apr 1999)	
	3	Costa et al., Immunization with recombinant duffy-binding-like $\gamma$ 3 induces pan-reactive and adhesion-blocking antibodies against placental chondroitin sulfate A-binding plasmodium falciparum parasites, JID 188: 153 (2003)	
	4	Gamain et al., Identification of a 67-amino acid region of the plasmodium falciparum variant surface antigen that binds chondroitin sulfate A and elicits antibodies reactive with the surface of placental isolates, in press	

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	